

The networking leader



RELIABLE, LOW-COST INFORMATION MANAGEMENT

In today's world of information overload, the personal computer has become an indispensable way to analyze data. Now you can make your personal computer even more powerful and useful. Corvus offers Corvus OMNINET,[™] a field-proven, easy, low-cost way to make the personal computer part of a powerful information management system.

Corvus OMNINET is a local area network that is fast becoming an industry standard. That's because Corvus offers reliable performance at minimal cost per connection. Since its creation two years ago, OMNINET has been installed in thousands of offices, small business, schools and colleges around the world. And for good reason:

- OMNINET expands your storage capacity easily, to give your personal computer greater flexibility.
- When your company grows, OMNINET can keep expanding to meet your needs.
- OMNINET's reliable technology has won international acceptance.
- OMNINET is compatible with IBM, Apple, and other popular computers.
- Corvus Constellation[™] II software manages network resources simply, securely.
- OMNINET is backed by its own world-wide network of dealers, distributors and service people who are there when you need them—and Corvus' commitment to continually improve its technology.

EASILY INCREASES DATA STORAGE AND YOUR PC'S FLEXIBILITY

As easily as connecting a stereo speaker, OMNINET lets you create a network of personal computers and peripherals. You can connect your Corvus Winchester disk drives, printer servers with attached printers, the Corvus Bank and personal computers—a total of up to 64 devices. Your personal computer can share data storage and printers, transfer files electronically and have access to a large, common data base.

You can install the OMNINET network yourself. Just plug the OMNINET Transporter[™] card into an expansion slot in each personal computer. Then connect the personal computer to the network with a tap cable. OMNINET[™] uses easy-to-install, economical twisted-pair cable to form a network up to 1,000 feet long. With Corvus' Active Junction Box, you can extend the network up to 4,000 feet. OMNINET's bus topology lets you add stations anywhere you choose along the cable.

EXPANSION WHEN YOU NEED IT

Corvus OMNINET lets you expand your system as needed. Corvus' high-performance mass storage and backup systems give you storage equal to hundreds—even thousands—of floppy disks, all on-line and available for immediate

access. The Corvus Printer Server connects up to three printers to OMNINET so users at any station on the network can share printers. Corvus now is developing more OMNINET servers to help you expand and coordinate the capabilities of your network system even more in the future.

COMPATIBILITY WITH POPULAR PERSONAL COMPUTERS

Plus, the most popular brands of personal computers can co-exist on the same OMNINET network and share data storage and printer resources. OMNINET is compatible with IBM, Apple, DEC, Texas Instruments, Zenith, the Corvus Concept Personal Workstation and all other Corvus products.

RELIABLE TECHNOLOGY WITH INTERNATIONAL ACCEPTANCE

The same high quality and reliability that Corvus built into its Winchester disk, "the IBM of Winchesters,"^{*} went into its development of OMNINET. As a result OMNINET now is considered an industry standard by the more than 20 major U.S. and Japanese manufacturers who have licensed OMNINET for use in their computers. Corvus is the leading manufacturer of local area networks in the world with more than 75,000 personal computers connected to over 11,000 networks. A new personal computer connects to OMNINET nearly every two minutes of each business day. **Digital Review, October 1983.*



Omninet

SIMPLE, SECURE NETWORK MANAGEMENT

Corvus Constellation II is sophisticated enough to manage the shared resources of a Corvus OMNINET network, yet it's easy to use. Constellation II makes it easy to mix different brands of computers and support several different operating systems on the same network. You can even transfer text files between operating systems.

Constellation II keeps the network secure with user "log-on" names and passwords. Based on those names, the software manages access to different network devices. Constellation II software extends the power of the personal computer by making each

personal computer act as if connected to several floppy drives. The extra storage is actually on the Corvus mass storage systems, and various computers share the common data base via OMNINET. A typical user might have storage areas "A" and "B" in floppy drives connected to the personal computer, and areas "C" and "D" out on a network mass storage system. Thus, users can run most software that isn't copy-protected on OMNINET without changes. Constellation II even lets many popular copy-protected programs store text or data files on the network, where those files can be transferred to other users easily.

WORLD-WIDE SERVICE AND SUPPORT

Corvus OMNINET is sold throughout the world by a network of dealers and distributors who are committed to helping you define your system requirements. Corvus backs up this network with regional and district offices that can provide additional support to customers. If you need it, service is available at dealer service centers and on-site by Decision Data Corp. Corvus is committed to making OMNINET the local area network that will meet all your needs, easily and affordably. And Corvus continues to develop the technology to make OMNINET compatible with more popular personal computers.



OMNINET SPECIFICATIONS

Total Network Length	1,000 feet/1.2 km (Corvus Active Junction Box [®] required every 1,000 feet/100 m)
Data Transmission Rate	1 megabit/second
Access Method	Carrier sense multiple access with collision avoidance and positive acknowledgement
Maximum Nodes per Network	64
Corvus OMNINET Mass Storage	Corvus Winchester Disk Systems
Corvus OMNINET System Backup	The Bank [®] Corvus MIRROR [®]
Available OMNINET Servers	OMNINET Printer Server

SUPPORTED PERSONAL COMPUTERS

IBM PC and XT
DEC Rainbow 100
TI Professional Computer
Apple II, IIe, III
Corvus CONCEPT

(Not all operating systems of the above computers are compatible with OMNINET.)

Due to our policy of continuing product development, Corvus reserves the right to change specifications without notice or obligation.
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